

Appendix F

Abatement Projects in the

Tygart Valley River Watershed

Tygart Valley River Watershed Abandoned Mine Land and Mine Drainage Pollution Treatment and Abatement Projects in Planning, Mapping, Design, Completed and/or Ongoing Phase

<u>Project</u>	<u>County</u>	<u>Status</u>	<u>Costs/Estimated Costs</u>
Austen Highwall, Refuse, & Portals (Raccoon Run)	Preston	Mapping	\$ 952,380.00
Beaver Creek Highwall	Barbour	Completed	\$1,124,845.00
Camp Mahonegan Surface Mines (Middle Fork)	Randolph	Completed	\$ 910,000.00
Coalton School Portals (Roaring Creek)	Randolph	Completed	\$ 47,184.00
Fords Run Refuse & Mining Facility	Barbour	Planning	\$ 631,400.00
Kittle Flats - Phase II (Middle Fork)	Randolph	Design	\$1,738,000.00
Kittle Flats – Phase I	Upshur	Completed	\$1,042,281.00
Left Fork of Little Sandy Creek	Preston	Completed	\$1,450,900.00
Mabie Highwall (Roaring Creek)	Randolph	Planning	\$ 593,120.00
Maple Run Portals	Preston	Mapping	\$ 654,390.00
Upshur Rt 10/15 Portals	Upshur	Completed	\$ 267,942.00
Whitman Flats	Upshur	Completed	\$1,174,839.00

The Special Reclamation Group has completed reclamation of the following bond forfeiture sites in the Tygart Valley River watershed:

<u>Permit No.</u>	<u>Permit Name</u>	<u>Forfeiture Date</u>	<u>County</u>	<u>Receiving Stream</u>
U039300				Moats Hollow of Laurel Cr
P102786	BALAR COAL CO.	11/01/88	BARBOUR	UT Raccoon Ck.
S108786	BEEFSTEAK MINING CO.	06/01/90	PRESTON	UT Raccoon Creek
R000784	BEEFSTEAK MINING CO.	10/13/89	PRESTON	New Found Run of French Ck
U202487	D. A. LAMBERT	12/28/92	UPSHUR	White Oak Run of Middle Fork River
U100289	DELTA MINING, INC.	03/18/93	UPSHUR	Frog Run of L.Sandy Cr
U034700	EASTERN MT. MINING CO.	05/19/92	PRESTON	Phillips Camp Run
S104487	ENERGY RESOURCES MINING CO.	01/29/81	RANDOLPH	UT Left Fk. Sandy Ck.
S005784	F & M COAL CO.	04/30/92	PRESTON	UT Left Fk. of Sandy Cr.
U102688	F & M COAL CO.	03/13/92	PRESTON	UT Left Fk of Sandy Cr.
S019878	F & M COAL CO.	02/18/93	PRESTON	UT of Tygart Valley River
P102789	GATOR MINING, INC.	06/13/85	BARBOUR	Tygart Valley River
S007178	GEORGE PHILLIPS	08/01/90	PRESTON	
P003679	GREENBRIER ENERGY	08/29/80	BARBOUR	
S201289	H & A COAL CO.	12/22/80	UPSHUR	UT of French Ck.
U058800	HOPE COAL CO. INTERNATIONAL COAL CO.	12/03/91 05/07/85	UPSHUR RANDOLPH	Long Run

Metals and pH TMDLs for the Tygart Valley River Watershed

U070800				Long Run of Middle Fork River
S003982	INTERNATIONAL COAL CO.	05/07/85	RANDOLPH	UT Racoon Ck
S005283	INTER-STATE LUMBER CO.	07/31/95	PRESTON	UT Racoon Ck
S009682	INTER-STATE LUMBER CO.	07/31/95	PRESTON	UT Birds Ck.
S003685	INTER-STATE LUMBER CO.	07/31/95	PRESTON	Racoon Ck
S011879	J & R COAL CO.	03/29/93	PRESTON	UT of Tygart River
S018477	KEISTER COAL	06/01/83	BARBOUR	Gower Run
S008185	KEISTER COAL	09/01/83	BARBOUR	Bird Ck
U030000	MARY LOU COAL CO.	02/26/88	PRESTON	UT Laurel Run, Roaring Creek
U071000	METT, INC. #1	01/01/81	RANDOLPH	
S200486	MOGASCO'S	07/01/84	UPSHUR	Gower Run
D043500	NATIONAL CONSTRUCTION COMPANY, INC.	12/07/98	Barbour	
S041900	PHOENIX RESOURCES, INC.	09/22/94	RANDOLPH	
U029900	PHOENIX RESOURCES, INC.	08/03/94	RANDOLPH	
S010078	PHOENIX RESOURCES, INC.	08/03/94	RANDOLPH	L.Fk. of Sand Run
S003679	PIERCE COAL & CONSTR. CO.	12/01/82	UPSHUR	White Oak Run & Sand Run
S010980	PIERCE COAL & CONSTR. CO.	12/01/82	UPSHUR	UT Lt Sandy Ck & L Fk of Lt Sandy Ck
O103587	PONTORERO & SONS COAL	07/17/91	PRESTON	UT of Birds Ck
O004385	PRESTON ENERGY, INC.	05/05/94	PRESTON	Birds Ck
S002881	PRESTON ENERGY, INC.	05/24/94	PRESTON	UT Birds Ck
U071400	PRESTON ENERGY, INC.	05/25/94	PRESTON	UT Laurel Run of Roaring Ck
S011577	PRESTWOOD CO., INC.	11/02/94	RANDOLPH	Little Laurel Fork of Buckhannon River
D005581	R & A COAL CO.	01/24/83	UPSHUR	UT of Bird's Ck
S200386	STATUE MINING CO., INC.	05/24/94	PRESTON	Left Fk. of Gower Run
S201386	WERNER MINING CO., INC.	05/20/92	BARBOUR	Tallman's Run
	WERNER MINING CO., INC.	05/20/92	BARBOUR	

Reclamation activities are initiated, but not yet completed at the following sites:

Permit No.	Permit Name	Forfeiture Date	County	Receiving Stream
S101888				Left Fk of Little Sandy Cr
E011800	AMANDA NICOLE FUELS, INC.	06/12/92	PRESTON	
S001278	BLONDY MINING, INC. DLM COAL CO.	05/04/99 09/16/85	BARBOUR UPSHUR	Buckhannon River

Metals and pH TMDLs for the Tygart Valley River Watershed

S013578				Buckhannon River
S013874	DLM COAL CO.	09/16/85	UPSHUR	Buckhannon River
S016477	DLM COAL CO.	09/03/85	UPSHUR	Buckhannon River
S018777	DLM COAL CO.	09/16/85	UPSHUR	Buckhannon River
S000280	DLM COAL CO.	09/16/85	UPSHUR	Buckhannon River
S005877	DLM COAL CO.	09/13/85	UPSHUR	Buckhannon River
H023200	DLM COAL CO.	09/16/85	UPSHUR	
I073900	DLM COAL CO.	10/01/85	UPSHUR	Buckhannon River
I078000	DLM COAL CO.	09/16/85	UPSHUR	Buckhannon River
P042600	DLM COAL CO.	09/16/85	UPSHUR	Buckhannon River
R042300	DLM COAL CO.	09/16/85	UPSHUR	Buckhannon River
U023100	DLM COAL CO.	09/16/85	UPSHUR	Buckhannon River
	DLM COAL CO.	09/16/85	UPSHUR	

Reclamation has yet to be initiated at the following sites:

Permit No.	Permit Name	Forfeiture Date	County	Receiving Stream
S103286				Kanes Ck. & UT of Squires Ck
S102388	ED-E DEVELOPMENT CO., INC.	03/29/93	PRESTON	
O204488	K. C. & M. COAL COMPANY	03/08/00	PRESTON	Left Fork Buckhannon River
S205286	MARSON COAL COMPANY	04/13/00	Randolph	
U200588	MARSON COAL COMPANY	10/12/99	RANDOLPH	
S202187	MARSON COAL COMPANY	10/12/99	RANDOLPH	Left Fork of Buckhannon River
U010383	MARSON COAL COMPANY INC.	09/11/00	Randolph	Left Fk. of Little Sandy Creek
U004384	PRESTON ENERGY, INC.	09/29/94	PRESTON	Left Fk. of Little Sandy Creek
S200693	PRESTON ENERGY, INC.	09/29/94	PRESTON	
	RALPH KNICELEY CONSTR.	04/03/96	RANDOLPH	Doe Run & Lick Run

The Special Reclamation Group is currently applying active chemical treatment at two sites in the Tygart Valley River watershed. The first site is the DLM Mine Complex in Upshur County. Treatment to NPDES technology-based effluent limitations is required through litigation by the West Virginia Highlands Conservancy in 1985. Drainage from the Complex flows into several small tributaries of the Buckhannon River. The second site is the F&M Mine Complex in Preston County. Treatment at this site is a result of litigation by the Laurel Mountain/Fellowsville Area Clean Watershed Association. Treatment to technology-based effluent limitations requirements is the goal but not the requirement at F&M. Drainage from the site flows into the Left Fork of Sandy Creek, Sandy Creek, and then into the Tygart Lake.